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[\[Abstract\]](#) [\[PDF Full-Text \(192 KB\)\]](#) [IEEE CNF](#)

51 Analysis on giant magnetoresistive characteristics of synthetic antiferromagnet-based spin-valves with modified pinned layers

Jeong-Suk Park; Seong-Rae Lee; Young Keun Kim;

Magnetics Conference, 2003. INTERMAG 2003. IEEE International , 28 March-3 April 2003

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[\[Abstract\]](#) [\[PDF Full-Text \(170 KB\)\]](#) [IEEE CNF](#)

52 Dynamics over 4 GHz of spring-magnet type NiFe/CoFe bilayers with high permeability

Le Gall, H.; Youssef, J.B.; Vukadinovic, N.; Ostorero, J.;

Magnetics Conference, 2002. INTERMAG Europe 2002. Digest of Technical Papers. 2002 IEEE International , 28 April-2 May 2002

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[\[Abstract\]](#) [\[PDF Full-Text \(224 KB\)\]](#) [IEEE CNF](#)

53 Analysis of GMR profiles in dual spin-valve structure using triple domain model

Dong Young Kim; Kim, C.G.; Lee, S.S.; Hwang, D.G.; Lee, J.K.;

Magnetics Conference, 2002. INTERMAG Europe 2002. Digest of Technical Papers. 2002 IEEE International , 28 April-2 May 2002

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[\[Abstract\]](#) [\[PDF Full-Text \(223 KB\)\]](#) [IEEE CNF](#)

54 A tunneling magnetoresistance sensor overlaid with a longitudinal bias stack in a read region

Tsann Lin; Mauri, D.; Ty Chen; Wolfman, J.;

Magnetics Conference, 2002. INTERMAG Europe 2002. Digest of Technical Papers. 2002 IEEE International , 28 April-2 May 2002

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[\[Abstract\]](#) [\[PDF Full-Text \(230 KB\)\]](#) [IEEE CNF](#)

55 Spin valves with cobalt-ferrite pinning layers

Carey, M.J.; Maat, S.; Farrow, R.; Marks, R.; Nguyen, P.; Rice, P.; Kellock, A.; Gurney, B.A.;

Magnetics Conference, 2002. INTERMAG Europe 2002. Digest of Technical Papers. 2002 IEEE International , 28 April-2 May 2002

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56 CPP sensors with an enhanced MR using laminated FM layers

Wu, Y.H.; Li, K.B.; Guo, Z.B.; Qiu, J.J.; Han, G.C.; Chong, T.C.;

Magnetics Conference, 2002. INTERMAG Europe 2002. Digest of Technical Papers. 2002 IEEE International , 28 April-2 May 2002

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[\[Abstract\]](#) [\[PDF Full-Text \(230 KB\)\]](#) [IEEE CNF](#)

57 Quasi-static and dynamic analysis of spin valve tape heads with synthetic free and pinned layers vs. heads with a conventional free layer and a synthetic pinned layer

Veloso, A.; Freitas, P.P.; Dee, R.H.;

Magnetics Conference, 2002. INTERMAG Europe 2002. Digest of Technical Papers. 2002 IEEE International , 28 April-2 May 2002

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[\[Abstract\]](#) [\[PDF Full-Text \(246 KB\)\]](#) [IEEE CNF](#)

58 Antiferromagnet/ferromagnet interface roughness effect on exchange coupling and MR ratio in spin-valve system

Al-Jibouri, A.; Barnes, M.; Hoban, M.;

Magnetics Conference, 2002. INTERMAG Europe 2002. Digest of Technical Papers. 2002 IEEE International , 28 April-2 May 2002

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1 Moving domain walls by spin-polarized current

Elliott, R.J.; Chmil, A.I.; Epshtein, E.M.; Gulyaev, Y.V.; Krikunov, A.I.; Ogrin, Y.F.; Zilberman, P.E.;

Magnetics, IEEE Transactions on , Volume: 38 , Issue: 5 , Sept. 2002

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[\[Abstract\]](#) [\[PDF Full-Text \(217 KB\)\]](#) **IEEE JNL**

2 Moving of domain walls by spin polarized current

Elliott, R.J.; Chmil, A.I.; Epshtein, E.M.; Gulyaev, Yu.V.; Krikunov, A.I.; Ogrin, Yu.F.; Zilberman, P.E.;

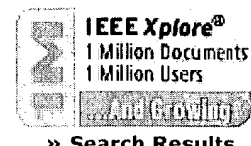
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1 MR characteristics of synthetic ferrimagnet based spin-valves with different pinning layer thickness ratios

Ki-Seok Moon; Joo-Chan Kim; Jae-Chul Ro; Shong, E.Y.; Seong Rae Lee; Young Keun Kim;

Magnetics, IEEE Transactions on , Volume: 36 , Issue: 5 , Sept 2000

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[\[Abstract\]](#) [\[PDF Full-Text \(88 KB\)\]](#) **IEEE JNL**

2 MR response of PdPtMn/CoFeB synthetic ferrimagnet biased spin-valves

Noma, K.; Aoshima, K.; Kane, J.; Kanai, H.;

Magnetics, IEEE Transactions on , Volume: 35 , Issue: 5 , Sept. 1999

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[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) **IEEE JNL**

3 Non-contact GMR measurements of synthetic spin valves using infrared reflection spectroscopy

Vopsaroiu, M.; Matthew, J.A.D.; McNeill, K.A.; Thompson, S.M.;

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Pages:FT - 07

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4 Thermal stability of pinned layer in PtMn-based synthetic spin-valve

Nagai, H.; Ueno, R.; Hikami, F.; Sawasaki, T.; Tanoue, S.;

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5 Effect of seed layer on the magnetoresistance characteristics in a-CoNbZr-based spin valves

Hae Seok Cho; Ueda, F.; Chunghong Hou; Fujiwara, H.;
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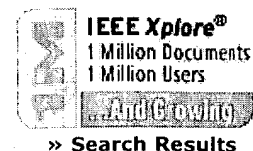
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1 Introduction of NiAl as seed layer and domain wall pinning layer for Co-Pd multilayer perpendicular magnetic recording media

Lianjun Wu; Engwei Soo; Wang, J.P.;

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2 A new spin-valve magnetic memory cell based on patterned single-domain magnetic multilayer NiFe/Cu/Co

Kong, L.; Pan, Q.; Li, M.; Cui, B.; Chou, S.Y.;

Device Research Conference Digest, 1998. 56th Annual , 22-24 June 1998

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3 Grain size reduction in Co/Pd multilayer perpendicular magnetic recording media with NiAl as a seedlayer and a pinning layer

Lianjun Wu; Engwei Soo; Wang, J.R.;

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4 Analysis on giant magnetoresistive characteristics of synthetic antiferromagnet-based spin valves with modified pinned layers

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5 Low-current blocking temperature writing of double-barrier MRAM cells

Jianguo Wang; Freitas, P.P.;

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6 70% TMR at room temperature for SDT sandwich junctions with CoFeB as free and reference Layers

Dexin Wang; Nordman, C.; Daughton, J.M.; Zhenghong Qian; Fink, J.;

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7 Optimization of nano-oxide Layer in CIP spin valves

Jinjun Qiu; Ping Luo; Li, K.; Yuankai Zheng; An, L.H.; Yihong Wu;

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8 Spin-dependent tunneling junctions with superparamagnetic sensing layers

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9 Studies on interfacial and crystalline structures of spin valve multilayers

Zhengqi Lu; Wendong Wang; Chunlin Chai; Wuyan Lai; Yuankai Zhen;

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10 Magnetostatic coupling in spin dependent tunnel junctions

Dexin Wang; Daughton, J.M.; Reed, D.; Wang, W.D.; Jian-Qing Wang;

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11 Thermal stability of pinned layer in PtMn-based synthetic spin-valve

Nagai, H.; Ueno, R.; Hikami, F.; Sawasaki, T.; Tanoue, S.;

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12 MR response of PdPtMn/CoFeB synthetic ferrimagnet biased spin-valves

Noma, K.; Aoshima, K.; Kane, J.; Kanai, H.;

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13 A self-biased spin valve sensor with a longitudinally pinned layer*Suzuki, T.; Matsutera, H.;*

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[\[Abstract\]](#) [\[PDF Full-Text \(272 KB\)\]](#) [IEEE JNL](#)**14 Control of asymmetry of spin valve heads based on micromagnetic analysis***Yamada, K.-i.; Kanai, H.; Uehara, Y.; Toda, J.;*

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[\[Abstract\]](#) [\[PDF Full-Text \(312 KB\)\]](#) [IEEE JNL](#)**15 Thermal stability of spin valve with NiO/ α -Fe₂O₃ bilayer antiferromagnets***Fujikata, J.; Hayashi, K.; Saito, M.; Nakada, M.;*

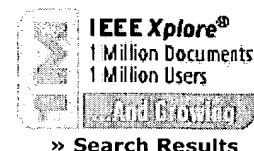
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16 **Time and temperature dependence of high thermal stability in NiO/Co/Cu/Co/M spin valves**

McMichael, R.D.; Chen, P.J.; Egelhoff, W.F., Jr.;

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17 **Excellent reliability of CoFe-IrMn spin valves**

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18 **Magnetisation reversal in spin-valve structures**

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19 **Triple-layer perpendicular recording media for high SN ratio and signal stability**

Ando, T.; Nishihara, T.;

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Burkett, S.L.; Kora, S.; Lusth, J.C.; Parker, M.R.;

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23 Micromagnetic analysis of permanent magnet biased narrow track spin-valve heads

Danzhu Lu; Jian-Gang Zhu;

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24 Exchange biasing of oxidized NiFe 81/19

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25 In situ and ex situ observation of spin valves obtained by ion-beam deposition

Guarisco, D.; Kay, E.; Wang, S.X.;

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Tanaka, A.; Seyama, Y.; Jogo, A.; Oshima, H.; Kondo, R.; Kishi, H.; Kamata, C.; Shimizu, Y.; Eguchi, S.; Satoh, K.;

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27 Improved thermal stability of ferromagnetic tunnel junctions with a CoFe/CoFeO/sub x//CoFe pinned layer

Ochiai, T.; Tezuka, N.; Inomata, K.; Sugimoto, S.; Saito, Y.;

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28 Analysis of angular dependent resistance measurements on IrMn-based spin valves using a finite pinning model

Chih-Ling Lee; Shaoyan Chu; Bain, J.A.; McHenry, M.E.;

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29 Moving domain walls by spin-polarized current

Elliott, R.J.; Chmil, A.I.; Epshtein, E.M.; Gulyaev, Y.V.; Krikunov, A.I.; Ogrin, Y.F.; Zilberman, P.E.;

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Pages:2869 - 2871

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30 Improved GMR characteristics of specular spin valves by nano-oxide layer formation with mixed gases

Jang, S.H.; Kang, T.; Kim, H.J.; Kim, K.Y.;

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31 **Characteristics of spin-valve films with non-magnetic oxide layers for specular-scattering**

Mizuguchi, T.; Kano, H.;

Magnetics, IEEE Transactions on , Volume: 37 , Issue: 4 , July 2001

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Linville, E.; Morrone, A.; Sining Mao; Sivertsen, J.; Judy, J.;

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34 **Structural and microscopic analyses of (α -Fe₂O₃/Co(NiFe)/Cu/Co (NiFe)) bottom GMR spin valves**

Bae, S.; Egelhoff, W.F., Jr.; Chen, P.J.; Judy, J.H.;

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35 **MR characteristics of synthetic ferrimagnet based spin-valves with**

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Ki-Seok Moon; Joo-Chan Kim; Jae-Chul Ro; Shong, E.Y.; Seong Rae Lee; Young Keun Kim;

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36 Specularity in GMR spin valves and in situ electrical and magnetotransport measurements

Wang, S.X.; Yamada, K.; Bailey, W.E.;

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Mao, M.; Funada, S.; Hung, C.-Y.; Schneider, T.; Miller, M.; Tong, H.-C.; Qian, C.; Miloslavsky, L.;

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38 [Ni/Mn] superlattice-based spin-valves with high thermal stabilities

Choi, K.L.; Kim, K.M.; Lee, N.I.; Kim, M.Y.; Rhee, J.R.; Lee, S.S.; Hwang, D.G.; Park, C.M.;

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Meguro, K.; Hoshiya, H.; Watanabe, K.; Hamakawa, Y.; Fuyama, M.; Fukui, H.;

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Veloso, A.; Freitas, P.P.; Melo, L.V.;

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[Abstract] [PDF Full-Text (296 KB)] IEEE JNL

41 Magnetic and magnetotransport properties in epitaxial FeMn/Py/Cu/Py spin-valve films

Huang, J.C.A.; Tsao, C.H.; Yu, C.C.;

Magnetics, IEEE Transactions on , Volume: 35 , Issue: 5 , Sept. 1999

Pages:2931 - 2933

[Abstract] [PDF Full-Text (244 KB)] IEEE JNL

42 Spin-valve structures with NiO pinning layers

Cowache, C.; Dieny, B.; Auffret, S.; Cartier, M.; Taylor, R.H.; O'Barr, R.; Yamamoto, S.Y.;
Magnetics, IEEE Transactions on , Volume: 34 , Issue: 4 , July 1998
Pages:843 - 845

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) [IEEE JNL](#)

43 Effect of seed layer on the magnetoresistance characteristics in a-CoNbZr-based spin valves

Hae Seok Cho; Ueda, F.; Chunghong Hou; Fujiwara, H.;
Magnetics, IEEE Transactions on , Volume: 34 , Issue: 4 , July 1998
Pages:1414 - 1416

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) [IEEE JNL](#)

44 Thermal stability of CoFe, Co and NiFe/Co spin valves

Zeltser, A.M.; Pentek, K.; Menyhard, M.; Sulyok, A.;
Magnetics, IEEE Transactions on , Volume: 34 , Issue: 4 , July 1998
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[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) [IEEE JNL](#)

45 Spin-valve films using exchange-coupled CrMnPt/Co structure

Hoshiya, H.; Soeya, S.; Hamakawa, Y.; Nakatani, R.; Fuyama, M.; Fukui, H.; Sugita, Y.;
Magnetics, IEEE Transactions on , Volume: 33 , Issue: 5 , Sept. 1997
Pages:2878 - 2880

[\[Abstract\]](#) [\[PDF Full-Text \(388 KB\)\]](#) [IEEE JNL](#)

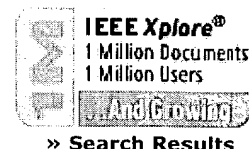
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46 **In-situ magnetoresistance measurements on spin valve elements combined with Lorentz transmission electron microscopy**

Portier, X.; Petford-Long, A.K.; Doole, R.C.; Anthony, T.C.; Brug, J.A.;
Magnetics, IEEE Transactions on , Volume: 33 , Issue: 5 , Sept. 1997
Pages:3574 - 3579

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48 **Spin-valves with antiferromagnetic α -Fe₂O₃ layers**

Hasegawa, N.; Makino, A.; Koike, F.; Ikarashi, K.;
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Fujiwara, H.; Chun-Hong Hou; Nishioka, K.;
Magnetics, IEEE Transactions on , Volume: 32 , Issue: 5 , Sept. 1996
Pages:4603 - 4605

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) IEEE JNL

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